



NASA Space Place

Educator Newsletter

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NEWS AND NOTES FOR FORMAL AND INFORMAL EDUCATORS

Space Place is a NASA website for elementary school-aged kids, their teachers, and their parents.

It's colorful!

It's dynamic!

It's fun!

It's rich with science, technology, engineering, and math content!

It's informal.

It's meaty.

It's easy to read

and understand.

It's also in Spanish.

And it's free!

It has over 150 separate modules for kids, including hands-on projects, interactive games, animated cartoons, and amazing facts about space, Earth science, and technology.

Don't forget to subscribe to our monthly e-newsletter, the NASA Space Place Gazette!

<http://spaceplace.nasa.gov/subscribe>

New!

Planet Masks

Our solar system has eight unique and special planets. This fun, simple activity for kids will allow them to explore and learn about what makes each planet different!

<http://spaceplace.nasa.gov/planet-masks>



For Halloween:

These masks make great Halloween costumes! We encourage you to share your own masks on social media and tag #NASACostume. Follow us on Facebook and Twitter @nasaspaceplace.

New!

How Much Water is on Earth?

Earth has a lot of water. But exactly how much? Check out our new educational video and poster for kids:

<http://spaceplace.nasa.gov/water>

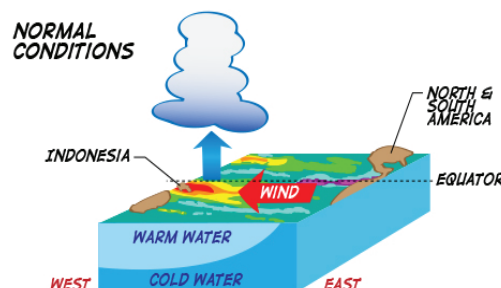


New!

What is La Niña?

This is a weather pattern that begins in the Pacific Ocean. Learn all about La Niña and how it differs from El Niño in our new article for kids.

<http://spaceplace.nasa.gov/la-nina>



Earth's Atmosphere

Earth has a wonderful atmosphere. It keeps us warm and gives us oxygen to breathe. But did you know that our atmosphere has six layers? Each one is unique! Teach kids about our different atmospheric layers in this article series. <http://spaceplace.nasa.gov/atmosphere>



Make Pumpkin Stencils!

Celebrate the fall season by making space pumpkins! This activity is simple, fun and educational. Your kids will love it!

<http://spaceplace.nasa.gov/pumpkins>



Special Days

Noteworthy days in NASA and space history you can observe in your classroom.

Nov. 8 - X-rays were discovered on this day in 1895.

Explore X-rays with our Cosmic Colors viewer!
<http://spaceplace.nasa.gov/cosmic-colors>

Nov. 17 — Leonid meteor shower at maximum.

Learn about meteor showers and tips on how to get the best view!

<http://spaceplace.nasa.gov/meteor-shower>

Nov. 20 — Happy Birthday to astronomer Edwin Hubble (1889)!

The Hubble Space Telescope was named after him. Learn all about this amazing telescope!

<http://spaceplace.nasa.gov/hubble-wfpc>

Dec. 3 — Pioneer 10 flew past Jupiter on this day in 1973.

Jupiter is the biggest planet in our solar system. It has big storms like the Great Red Spot, which has been going on for hundreds of years.

<http://spaceplace.nasa.gov/all-about-jupiter>

Dec. 11 — The first Aurora Borealis sighting was recorded on this day in 1719.

Make a pastel aurora to learn more about these beautiful light displays.

<http://spaceplace.nasa.gov/pastel-aurora>

Dec. 21 — Today is the first day of winter!

Why do we have seasons here on Earth?

<http://spaceplace.nasa.gov/seasons>

